

Title (en)

METHOD OF REALIZING AN ANTENNA OPERATING IN A GIVEN FREQUENCY BAND FROM A DUAL BAND ANTENNA

Title (de)

VERFAHREN ZUR REALISIERUNG EINER IN EINER BESTIMMTEN FREQUENZ ARBEITENDE ANTENNE AUS EINER DUALBAND ANTENNE

Title (fr)

PROCÉDÉ DE RÉALISATION D'UNE ANTENNE FONCTIONNANT DANS UNE BANDE DE FRÉQUENCES DONNÉE A PARTIR D'UNE ANTENNE BI-BANDE

Publication

**EP 2404348 B1 20180905 (FR)**

Application

**EP 10709901 A 20100224**

Priority

- FR 2010050309 W 20100224
- FR 0951398 A 20090305

Abstract (en)

[origin: WO2010100365A1] The invention relates to a method for producing an antenna, operating in a given frequency band, from a dual-band antenna. According to the method, the dual-band antenna is a broadband slot antenna (1) that receives and/or transmits electromagnetic signals at a first frequency and at a second higher frequency. The antenna is powered by a single power supply line (3), and the free end of the power supply line is connected, by a connection means that can be opened or closed, to at least one means (4, 5) for rejecting one of the frequencies. The invention can be used in producing generic electronic boards.

IPC 8 full level

**H01Q 13/08** (2006.01); **H01Q 1/38** (2006.01); **H01Q 5/00** (2015.01); **H01Q 5/335** (2015.01)

CPC (source: EP US)

**H01Q 1/38** (2013.01 - EP US); **H01Q 5/335** (2015.01 - EP US); **H01Q 13/085** (2013.01 - EP US)

Cited by

CN117594984A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010100365 A1 20100910**; EP 2404348 A1 20120111; EP 2404348 B1 20180905; EP 2404348 B8 20181024; EP 2404348 B8 20181205; US 2012098722 A1 20120426; US 9105983 B2 20150811

DOCDB simple family (application)

**FR 2010050309 W 20100224**; EP 10709901 A 20100224; US 201013138541 A 20100224